Visitors to participate in economic experiment with bargaining games 14

The Department of Economics and Social Science consists of several equal sections: Economics, Political Economy, and Psychology. The areas of teaching and research interest in the department center around the concept of man — how he produces goods and services, governs himself, and responds to his environment.

Some hypotheses in economics make the interesting assumption that people react in bargaining situations. One way of gaining information about the validity of these assumptions is through experiments using bargaining games. Some examples of these games will be available in Room 52-180.

Experiments may be observed as well as being able to participate in these games. The Economic Science exhibits are known by room numbers: economics, 52-180; political economy, 52-182; and psychology, 52-184.

Earth science exhibits to include movies, mineral display, and seismograph apparatus 13

The origin, age, topography, and atmosphere of the earth's interior, and the origin of the oceanic and atmospheric atmosphere are among the most challenging and perplexing problems of science. They all lie within the domain of the Department of Geology and Geophysics. The department's areas of interest will be shown in Room 12-011. For those who want to sit down and relax by watching a movie, five or six short films dealing with various aspects of the earth sciences will be shown continuously in Room 12-107. In Room 209, students and staff members will be on hand to describe a mineral and fossil exhibit, and to provide tours of the student research projects and prehistory and geology storage.

A seismograph will be set up in Room 309, students and staff members will be on hand to register vibrations caused by projectiles dropped in the nearby seismograph research area. Seismography research will be shown in Room 409.

A variety of projects will be on display in the Fuels Research Laboratory and in the Fuels Research Laboratory Annex. The Department of Chemical Engineering will offer a wide variety of displays demonstrating various research projects now underway. Fundamental concepts now being current in the area of semi-conductor catalysis will be explained in Room 12-166. The student work being done in the department on desalination of water will be shown in Room 12-162. Exhibits here will deal with desalination by reverse osmosis, by electrodialysis, and by adsorption on granular and powdered granular.

The Chemical Engineering Department demonstrates desalination of water 12

The attention of the chemical engineer is focused on the industrial processes which are related to the occurrence of emotion and sensation.

1. The taste of both the chemist and his fellow engineers; with the first because of the chemical nature of his problem; and the second because of his concern with large-scale industrial processes. The Chemical Engineering Department will offer a wide variety of displays demonstrating various research projects now underway. Fundamental concepts now being current in the area of semi-conductor catalysis will be explained in Room 12-166. The student work being done in the department on desalination of water will be shown in Room 12-162. Exhibits here will deal with desalination by reverse osmosis, by electrodialysis, and by adsorption on granular and powdered granular.

The Van de Graaff generator, in Building 59, will be on display. Activating a charge of 8.5 million electron volts, this device is used to study nuclear reactions between multiply charged particles.

The synchrotron, in Room 24-06, will also be open all day. This machine is used to accelerate electrons for various research projects.

The third accelerator to be exhibited by the department is the linear accelerator, Room 203-04. Constructed in 1940, it achieves energies up to 17 million electron volts.

Aeronautics to show student labs, flutter tunnel, Mercury capsule 16

Manmade and unmanned vehicles which exist purely as thinking about the earth's surface are the province of the Department of Aeronautics and Astronautics. A wide variety of problems, ranging from inertial navigation to aerodynamic heat, are encountered in this field and are studied in the departmental research laboratories.

The department will hold a general open house in its headquarters, Building 25. Student laboratory projects will be exhibited in the basement. On the second floor, committee, visitors will be able to watch a flutter tunnel in operation.

A Mercury capsule, like the one which carried John Glenn into orbit, will be displayed in the lobby of Building 1. The capsule itself is shaped like a bell; it is about ten feet high and about six feet wide at the base.

There is a heat shield on the base to protect the astronaut from the intense heat encountered on re-entry into the atmosphere. The capsule contains oxygen and a half mile of wiring for its instrumentation.

The department will also exhibit a Space Mobile in the parking lot of Building 31.